



Dr. SNS RAJALAKSHMI COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

Accredited by NAAC (Cycle- III) with 'A+' Grade



DEPARTMENT OF B.SC CS (GCD)

**21UCU407 – COMPUTER NETWORKS AND DATA COMMUNICATIONS
UNIT- I**

Dr.SNSRCAS B.Sc CS(GCD)

Traditional vs Multimedia Applications

- traditionally Internet dominated by info retrieval applications
 - typically using text and image transfer
 - eg. email, file transfer, web
- see increasing growth in multimedia applications
 - involving massive amounts of data
 - such as streaming audio and video

Elastic and Inelastic Traffic

- elastic traffic
 - can adjust to delay & throughput changes over a wide range
 - eg. traditional “data” style TCP/IP traffic
 - some applications more sensitive though
- inelastic traffic
 - does not adapt to such changes
 - eg. “real-time” voice & video traffic
 - need minimum requirements on net arch

Multimedia Technologies

